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# ***Chapter 6***

## ***Ship Collector***

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## Section 1.0 — BrightSpeed V3 16 Slice Ship Collector (5152058-3)

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
2	5248959-2	1.000	Yes	BSD V3 Base Cover Collector PF {For further detail, see Section 1.2, beginning on page 502.}
3	2381045-2	1.000	Yes	BALANCE KIT, FIELD, HPOWER {For further detail, see Section 1.3, beginning on page 503.}
4	2385412-2	1.000	Yes	FUSE KIT BS 90KVA {For further detail, see Section 1.4, beginning on page 504.}
1	5161642-2	1.000	No	BSD Power16 Delight shipcollector {For further detail, see Section 1.1, beginning on page 500.}

Table 6-1 BrightSpeed V3 16 Slice Ship Collector (Non-Mobile) (5152058-3 BOM, rev 1)

### 1.1 BRIGHTSPEED POWER 16 DELIGHT SHIP COLLECTOR (5161642-2)

FRU = NO

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	46-229452G1	1.0	Yes	CT-9800 (ACCESSORIES)
2	2105873	10.0	Yes	.531 I.D., 1.625 O.D., .25THK GANTRY & TABLE INSTALLATION ANCHOR WASHER, FOR BASEPLATE-LESS HSA SYSTEMS.
3	2106573	10.0	Yes	HILTI ANCHOR STUD 1/2 DIA X 8.0 LG, KWIK-BOLT II WITH EXTENDED THREAD, FOR BASEPLATE-LESS HSA SYSTEMS STUD MAT~L: CARBON ST PER ASTM A510 WEDGE MAT~L: CARBON ST PER AISI 1010 NUT MAT~L: CARBON ST PER ASTM A563 GRADE A WASHER MAT~L: CARBON ST PER SAE 1005-1033 FINISH: ALL PARTS ZINC ELECTROPLATED CLEAR CHROMATE PER ASTM B633 (1998), TYPE 2, CLASS 5.
4	2115984	1.0	Yes	PAD FOR HSA METALLESS FOOT EXTENDER
6	46-222436G1	1.0	Yes	CT-9800 - CHIN STRAP
7	46-297960P1	1.0	Yes	FOAM INSERT
9	46-222436G1	3.0	Yes	CT-9800 - CHIN STRAP
11	46-222443P1	1.0	Yes	OPEN CELL POLYESTER FOAM

Table 6-2 BSD Power16 Delight shipcollector (5161642-2 BOM, rev 1)

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
12	46-222444P1	1.0	Yes	CLOSED CELL LINEAR ETHYLENE
13	46-222445P1	1.0	Yes	CLOSED CELL LINEAR ETHYLENE
14	46-222921P1	6.0	Yes	OBSOLETE FOR MR SITES PER FMI 60288 POLYURETHANE FOAM 1.7#/FT DENSITY S.E. FINE CELL CHARCOAL GRAY
15	46-199388P1	1.0	Yes	HEAD HOLDER POLYURETHANE FOAM
17	5179183	1.0	Yes	DOLLY, PIVOTING, SMALL ROOM, RH, COVER
18	5160024	1.0	Yes	FLOOR TEMPLATE-HIVALUE
19	5179183-2	1.0	Yes	DOLLY, PIVOTING, SMALL ROOM, LH, COVER
20	2282509	1.0	Yes	HOIST-2-PC, ARM, HELIOS 2
21	2282510	1.0	Yes	HOIST-2-PC, LONG TUBE, HELIOS 2
23	2364629	1.0	Yes	LABEL INSTALLATION KIT
24	2336557	1.0	Yes	SEISMIC KIT FOR GLOBAL CONSOLE
25	2373436-7	1.0	Yes	CABLE, FE LAPTOP TO CONSOLE, 23000MM LONG
5	2115994	1.0	No	METALLESS CRADLE PAD & STRAPS
8	2319891-3	1.0	No	INSTALLATION SUPPORT KIT FOR H-POWER
10	46-237412P1	1.0	No	STRAP HEAD STRAP 3 STRAPS PER PACKAGE
16	5150476	2.0	No	NON-TILTING DOLLY FOR HIVALUE GANTRY COVER
22	5152094	4.0	No	PLUG, SIDE COVER SL4
26	2318713-2	1.0	No	CABLE-FIBER OPTIC ST-SC X 3FT

Table 6-2 BSD Power16 Delight shipcollector (5161642-2 BOM, rev 1) (Continued)

### 1.1.1 NON-TILTING DOLLY FOR HIVALUE GANTRY COVER (5150476)

FRU = NO

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	2282011	1.0	Yes	NON-TILT DOLLY REAR COVER
2	5145421	1.0	Yes	PIN DOLLY SL4 REAR ATTACHMENT

Table 6-3 NON-Tilting Dolly for Hivalue Gantry Cover (5150476 BOM, Rev 1)

### 1.2 BSD V3 Base Cover Collector PF (5248959-2)

FRU = YES

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	46-328417P4	15.0	Yes	SCREW HEXAGON SOCKET 4 MM 12 MM ZINC PLATED, STEEL
2	46-328430P2	21.0	Yes	WASHER PLAIN - NORMAL 4.3 MM 9 MM ZINC PLATED, STEEL
3	46-328432P2	25.0	Yes	WASHER LOCK - SPRING 4.1 MM 7.6 MM ZINC PLATED, SPRING STEEL
4	46-328425P1	4.0	Yes	NUT HEXAGON 4 MM
5	5248961	1.0	Yes	BSD BASE FRONT ASSY, PF
6	5248965-2	1.0	Yes	BSD BASE LEFT SIDE ASSY, PF
7	5248968-2	1.0	Yes	BSD BASE RIGHT SIDE ASSY, PF
8	5248970	1.0	Yes	BSD BASE LEFT REAR ASSY, PF
9	5248973	1.0	Yes	BSD BASE RIGHT REAR ASSY, PF
16	46-328417P5	2.0	Yes	SCREW HEXAGON SOCKET 4 MM 16 MM ZINC PLATED, STEEL
10	5144160	2.0	No	SL4 BRACKET SIDE BASE COVER
11	2261325	1.0	No	BRACKET - REAR BASE COVER
12	5144162-2	1.0	No	SL4 BRACKET, BASE COVER MOUNTING - LEFT
13	5144163-2	1.0	No	SL4 BRACKET, BASE COVER MOUNTING - RIGHT
14	5310493	2.0	No	BSD V3 Base Cover Bulkhead plate
15	46-328420P4	4.0	No	SCREW BUTTON HEAD 4 MM 16 MM BLACK OXIDE, STEEL

Table 6-4 BSD Base Cover Collector (5248959-2 BOM, rev 1)

### 1.3 Balance Kit, Field, H-Power (2381045-2)

FRU = YES

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	2378669	11.0	Yes	P2033DU 78WEIGHT-M
2	2378670	4.0	Yes	P2033DV 78WEIGHT-S
4	2317865-2	2.0	Yes	SPACER,180 DEG,25.4MM
5	2317994	7.0	Yes	WEIGHT,TRIM
8	2342895-2	3.0	Yes	WEIGHT,180 DEG,6MM
9	2342895-3	4.0	Yes	WEIGHT,180 DEG,1.5MM
12	46-328425P4	4.0	Yes	NUT HEXAGON 16 MM
13	46-328417P70	2.0	Yes	SCREW HEXAGON SOCKET 12 MM 100 MM
14	2376683	1.0	Yes	MCMMASTER CARR PN 6023A21 SOCKET 0.9375 IN DEEP IMPACT 0.500 IN DRV
18	46-328432P5	4.0	Yes	WASHER LOCK - SPRING 16.2 MM 27.4 MM ZINC PLATED, SPRING STEEL
20	2378668	1.0	Yes	P2033DT 78WEIGHT-L
21	46-328432P7	2.0	Yes	WASHER LOCK - SPRING 12.2 MM 21.1 MM
22	2236649-5	2.0	Yes	WASHER, FLAT, ISO7089,M12, ST-HB200
24	2317863	9.0	Yes	SHIM,180 DEG,3.2MM
10	2370053	1.0	No	WEIGHT,TRIAL,NEGATIVE Z
11	2370227	1.0	No	WEIGHT,TRIAL,POSITIVE Z, H-POWER
15	2377399	1.0	No	LEFT SIDE DAS COVER TOOL
16	2377400	1.0	No	RIGHT SIDE DAS COVER TOOL
17	2377401	1.0	No	CENTER DAS COVER TOOL
23	5128067	2.0	No	CAP SCREW U0480AA

Table 6-5 Balance Kit, Field, H-Power (2381045-2 BOM, rev 2)

## 1.4 FUSE KIT BS 90KVA (2385412-2)

FRU = YES

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	2351493	3.0	Yes	100A FUSE
2	2364059	2.0	Yes	GLASS FUSE
3	46-170021P50	2.0	Yes	FUSE 12 AMPS 250 VOLTS BUSSMAN MDA12 DUAL ELEMENT.
4	46-170021P15	2.0	Yes	FUSE 8 AMPS 250 VOLTS (REVIEWED TK, 7/91).
5	2336517-2	2.0	Yes	FUSE 25 AMPS 700 VOLTS 2.5M SECONDS
6	46-170021P52	3.0	Yes	FUSE 3 AMPS 250 VOLTS (REVIEWED TK, 7/91).
7	46-170021P10	2.0	Yes	006.000A 0250V 3AG FAST UL/C (REVIEWED TK, 7/91).
8	46-170021P101	1.0	Yes	FUSE 20 AMPS 700 VOLTS 2~ LONG X 9/16~ DIA FAST BLOW
9	46-170021P106	2.0	Yes	FUSE 8 AMPS 250 VOLTS BUSSMANN ONLY
10	46-170021P31	2.0	Yes	1/2A, 250V SLO-BLO FUSE. TYPE 3AG, 1.25~ X 0.25~ GLASS BODY. (REVIEWED TK, 7/91).
11	2106993-5	2.0	Yes	FUSE 20 AMPS 500 VOLTS .3 SECONDS
12	46-327160P1	2.0	Yes	12.0A, 125VAC, DUAL ELEMENT TIME DLY FNM-12, 0.406 X 1.5 LG, FIBER BODY
13	2379651	1.0	Yes	FUSE - 700 V, 200 A, FAST SEMI
15	2238207-3	1.0	Yes	FUS FF 14X51 2A 700VDC C 50KA ULR
16	99183979	1.0	Yes	SLOW BLOW FUSE HCP 6X32 10A 250V UL
17	U8009FF	2.0	Yes	FUSE 3.2A
18	U8008FF	1.0	Yes	FUSE 2.0A
19	U8006FF	2.0	Yes	FUSE 1.0A

Table 6-6 FUSE KIT BS 90KVA (2385412-2 BOM, rev 2)

## Section 2.0 — BrightSpeed 4/8 Slice Ship Collector (5151995)

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
2	5248959	1.000	Yes	BSD BASE COVER COLLECTOR, PF {For further detail, see Section 2.2, beginning on page 507.}
3	2381045-2	1.000	Yes	BALANCE KIT, FIELD, HPOWER {For further detail, see Section 1.3, beginning on page 503.}
4	2385412-2	1.000	Yes	FUSE KIT BS 90KVA {For further detail, see Section 1.4, beginning on page 504.}
1	5154639	1.000	No	BrightSpeed 4 and 8 ship collector {For further detail, see Section 2.1, beginning on page 505.}

Table 6-7 BrightSpeed 4/8 Slice Ship Collector (5151995 BOM, Rev 4)

### 2.1 BrightSpeed 4 and 8 Ship Collector (5154639)

FRU = NO

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	46-229452G1	1.0	Yes	CT-9800 (ACCESSORIES)
4	46-297592P1	1.0	Yes	BAG HOLDER
6	2105873	10.0	Yes	.531 I.D., 1.625 O.D., .25THK GANTRY & TABLE INSTALLATION ANCHOR WASHER, FOR BASEPLATE-LESS HSA SYSTEMS.
7	2106573	10.0	Yes	HILTI ANCHOR STUD 1/2 DIA X 8.0 LG, KWIK-BOLT II WITH EXTENDED THREAD, FOR BASEPLATE-LESS HSA SYSTEMS STUD MAT~L: CARBON ST PER ASTM A510 WEDGE MAT~L: CARBON ST PER AISI 1010 NUT MAT~L: CARBON ST PER ASTM A563 GRADE A WASHER MAT~L: CARBON ST PER SAE 1005-1033 FINISH: ALL PARTS ZINC ELECTROPLATED CLEAR CHROMATE PER ASTM B633 (1998), TYPE 2, CLASS 5.
8	2115984	1.0	Yes	PAD FOR HSA METALLESS FOOT EXTENDER
12	46-222436G1	1.0	Yes	CT-9800 - CHIN STRAP
13	46-297960P1	1.0	Yes	FOAM INSERT
18	46-222436G1	3.0	Yes	CT-9800 - CHIN STRAP

Table 6-8 BrightSpeed 4 and 8 Ship Collector (5154639 BOM, Rev 4)

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
20	46-222443P1	1.0	Yes	OPEN CELL POLYESTER FOAM
21	46-222444P1	1.0	Yes	CLOSED CELL LINEAR ETHYLENE
22	46-222445P1	1.0	Yes	CLOSED CELL LINEAR ETHYLENE
23	46-222921P1	6.0	Yes	OBSOLETE FOR MR SITES PER FMI 60288 POLYURETHANE FOAM 1.7#/FT DENSITY S.E. FINE CELL CHARCOAL GRAY
24	46-199388P1	1.0	Yes	HEAD HOLDER POLYURETHANE FOAM
26	5179183	1.0	Yes	DOLLY, PIVOTING, SMALL ROOM, RH, COVER
29	5160024	1.0	Yes	FLOOR TEMPLATE-HIVALUE
30	5179183-2	1.0	Yes	DOLLY, PIVOTING, SMALL ROOM, LH, COVER
31	2282509-2	1.0	Yes	HOIST-2-PC, ARM, HELIOS 2
32	2282510-2	1.0	Yes	HOIST-2-PC, LONG TUBE, HELIOS 2
34	2217173-2	1.0	Yes	STOOL WITH FOOT REST AND NO ARM REST
40	2364629	1.0	Yes	LABEL INSTALLATION KIT
42	2336557	1.0	Yes	SEISMIC KIT FOR GLOBAL CONSOLE
50	2373436-7	1.0	Yes	CABLE, FE LAPTOP TO CONSOLE, 23000MM LONG
9	2115994	1.0	No	METALLESS CRADLE PAD & STRAPS
14	2319891-6	1.0	No	INSTALLATION SUPPORT KIT FOR HIVALUE 4 AND 8 SLICE SYSTEM
19	46-237412P1	1.0	No	STRAP HEAD STRAP 3 STRAPS PER PACKAGE
25	5150476	2.0	No	NON-TILTING DOLLY FOR HIVALUE GANTRY COVER
33	5152094	4.0	No	PLUG, SIDE COVER SL4
35	5112283	1.0	No	CT SERVICE CABINET FROM PENTAIR

Table 6-8 BrightSpeed 4 and 8 Ship Collector (5154639 BOM, Rev 4)

## 2.2 BSD BASE COVER COLLECTOR (5248959)

FRU = YES

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	46-328417P4	15.0	Yes	SCREW HEXAGON SOCKET 4 MM 12 MM ZINC PLATED, STEEL
2	46-328430P2	21.0	Yes	WASHER PLAIN - NORMAL 4.3 MM 9 MM ZINC PLATED, STEEL
3	46-328432P2	25.0	Yes	WASHER LOCK - SPRING 4.1 MM 7.6 MM ZINC PLATED, SPRING STEEL
4	46-328425P1	4.0	Yes	NUT HEXAGON 4 MM
5	5248961	1.0	Yes	BSD BASE FRONT ASSY, PF
6	5248965	1.0	Yes	BSD BASE LEFT SIDE ASSY, PF
7	5248968	1.0	Yes	BSD BASE RIGHT SIDE ASSY, PF
8	5248970	1.0	Yes	BSD BASE LEFT REAR ASSY, PF
9	5248973	1.0	Yes	BSD BASE RIGHT REAR ASSY, PF
16	46-328417P5	2.0	Yes	SCREW HEXAGON SOCKET 4 MM 16 MM ZINC PLATED, STEEL
10	5144160	2.0	No	SL4 BRACKET SIDE BASE COVER
11	2261325	1.0	No	BRACKET - REAR BASE COVER
12	5144162	1.0	No	SL4 BRACKET, BASE COVER MOUNTING - LEFT
13	5144163	1.0	No	SL4 BRACKET, BASE COVER MOUNTING - RIGHT
14	2288882	2.0	No	BULKHEAD - BLANK
15	46-328420P4	4.0	No	SCREW BUTTON HEAD 4 MM 16 MM BLACK OXIDE, STEEL

Table 6-9 BSD Base Cover Collector (5248959 BOM, rev 1)

## Section 3.0 — CABLE COLLECTORS

### 3.1 Short Cable Collector (2281840-5)

FRU = YES

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	2371450-2	1.000	1	RUN#55A-PDU TO RACEWAY GND
2	2371450-4	1.000	1	RUN#56A-CONSOLE TO RACEWAY
3	2373436-3	1.000	1	RUN #102A - GANTRY TO CON
4	2117848-7	1.000	1	20000 +/- 150 FIBER OPTIC
5	2371133-2	1.000	1	CONSOLE CABLES - SHORT KI
6	2371134-2	1.000	1	GANTRY CABLES - SHORT KIT

Table 6-10 Short Cable Collector (2281840-5 BOM, rev 0)

### 3.2 Long Cable Collector (2281840-4)

FRU = YES

MARK	NUMBER	QTY	FRU CODE	DESCRIPTION/NAME
1	2371450	1.000	1	RUN#55-PDU TO RACEWAY GND
2	2371450-3	1.000	1	RUN#56-CONSOLE TO RACEWAY
3	2373436-2	1.000	1	RUN #102 - GANTRY TO CONS
4	2117848-2	1.000	1	24384 +/- 150 FIBER OPTIC
5	2371133	1.000	1	CONSOLE CABLES - LONG KIT
6	2371134	1.000	1	GANTRY CABLES - LONG KIT

Table 6-11 Long Cable Collector (2281840-4 BOM, rev 0)